



# CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Approve Specifications and Advertise for Bids for Self Propelled Mini Digger Derrick (EUD)

MEETING DATE: February 20, 2008

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: Approve specifications and advertise for bids for Self Propelled Mini Digger Derrick.

BACKGROUND INFORMATION: The Electric Utility Department (EUD) maintains approximately 65 miles of **overhead** power lines in backyard and/or areas that are not accessible by a conventional digger derrick truck. EUD does not have an **efficient** means to install power poles, transformers or other electrical equipment in these limited access areas.

The Self Propelled Mini Digger Derrick is a compact carrier only **34"** wide and the rubber track drive will expand up to 5' 2" in width when needed for stabilization. It can pass through narrow gates and travel in limited access areas like rear yards and other **urban** settings. The integrated load deck has a carrying capacity of 2,500 lbs, and can easily carry transformers and other electrical equipment to the work site. The mini digger derrick has the ability to dig an 8' hole and set a 4.5 power pole safely and effortlessly without utilizing additional staff and time consuming "block and tackle" techniques.

FISCAL IMPACT: A reduction in labor **cost** per utility pole **installed/replaced** is expected.

FUNDING: Included in the EUD 2007/08 budget Account No. 1611201.7700 (\$125,000)

  
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APPROVED:

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